



IFWO

**RAW SEQUENCE LISTING** DATE: 09/13/2004  
 PATENT APPLICATION: US/10/829,474 TIME: 11:05:14

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
 Output Set: N:\CRF4\09132004\J829474.raw

```

3 <110> APPLICANT: Genetics & IVF
4      MARIANI, Brian D.
6 <120> TITLE OF INVENTION: ENTEROVIRUS PRIMERS AND PROBES
8 <130> FILE REFERENCE: 043956-0121
10 <140> CURRENT APPLICATION NUMBER: 10/829,474
11 <141> CURRENT FILING DATE: 2004-04-22
13 <160> NUMBER OF SEQ ID NOS: 57
15 <170> SOFTWARE: PatentIn version 3.2
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 19
19 <212> TYPE: DNA
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying
enteroviral
24      RNA
26 <400> SEQUENCE: 1
27 cccctgaatg cggcttaatc
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 20
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying
enteroviral
37      RNA
39 <400> SEQUENCE: 2
40 aaggaaacac ggacacccaa
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 25
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Chemically synthesized probe for enteroviral RNA
51 <400> SEQUENCE: 3
52 tccgccacag acttgcgcat tacga
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 25
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Chemically synthesized probe for enteroviral RNA
63 <400> SEQUENCE: 4
64 tccgctgcag agttgccccgt tacga

```

19  
20  
25  
25  
25

**ENTERED**

67 <210> SEQ ID NO: 5

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/829,474

DATE: 09/13/2004

TIME: 11:05:15

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
 Output Set: N:\CRF4\09132004\J829474.raw

```

68 <211> LENGTH: 25
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Chemically synthesized probe for enteroviral RNA
76 <220> FEATURE:
77 <221> NAME/KEY: misc_feature
78 <222> LOCATION: (9)..(9)
79 <223> OTHER INFORMATION: r = a or g
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
83 <222> LOCATION: (15)..(15)
84 <223> OTHER INFORMATION: r = a or g
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (19)..(19)
89 <223> OTHER INFORMATION: r = a or g
91 <400> SEQUENCE: 5
92 tccgctgcrg agttrccrt tacga                                25
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 17
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying
enteroviral
102      RNA
104 <400> SEQUENCE: 6
105 cccctgaatg cggctaa                                         17
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 17
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying
enteroviral
115      RNA
117 <400> SEQUENCE: 7
118 cctgaatgcg gctaatc                                         17
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 15
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying
enteroviral
128      RNA
130 <400> SEQUENCE: 8
131 cctgaatgcg gctaaa                                         15
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 17
136 <212> TYPE: DNA

```

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/829,474 DATE: 09/13/2004  
 TIME: 11:05:15

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
 Output Set: N:\CRF4\09132004\J829474.raw

137 <213> ORGANISM: Artificial Sequence  
 139 <220> FEATURE:  
 140 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 141 RNA  
 143 <400> SEQUENCE: 9  
 144 ccctgaatgc ggctaat  
 147 <210> SEQ ID NO: 10 17  
 148 <211> LENGTH: 18  
 149 <212> TYPE: DNA  
 150 <213> ORGANISM: Artificial Sequence  
 152 <220> FEATURE:  
 153 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 154 RNA  
 156 <400> SEQUENCE: 10  
 157 ccctgaatgc ggctaatc  
 160 <210> SEQ ID NO: 11 18  
 161 <211> LENGTH: 18  
 162 <212> TYPE: DNA  
 163 <213> ORGANISM: Artificial Sequence  
 165 <220> FEATURE:  
 166 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 167 RNA  
 169 <400> SEQUENCE: 11  
 170 cccctgaatg cggctaat  
 173 <210> SEQ ID NO: 12 18  
 174 <211> LENGTH: 16  
 175 <212> TYPE: DNA  
 176 <213> ORGANISM: Artificial Sequence  
 178 <220> FEATURE:  
 179 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 180 RNA  
 182 <400> SEQUENCE: 12  
 183 cctgaatgcg gctaat  
 186 <210> SEQ ID NO: 13 16  
 187 <211> LENGTH: 17  
 188 <212> TYPE: DNA  
 189 <213> ORGANISM: Artificial Sequence  
 191 <220> FEATURE:  
 192 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 193 RNA  
 195 <400> SEQUENCE: 13  
 196 ccctgaatgc ggctaat  
 199 <210> SEQ ID NO: 14 17  
 200 <211> LENGTH: 20  
 201 <212> TYPE: DNA  
 202 <213> ORGANISM: Artificial Sequence  
 204 <220> FEATURE:  
 205 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying

enteroviral  
206 RNA

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/829,474

DATE: 09/13/2004

TIME: 11:05:15

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
 Output Set: N:\CRF4\09132004\J829474.raw

208 <400> SEQUENCE: 14  
 209 cccctgaatg cggctaatct  
 212 <210> SEQ ID NO: 15  
 213 <211> LENGTH: 20  
 214 <212> TYPE: DNA  
 215 <213> ORGANISM: Artificial Sequence  
 217 <220> FEATURE:  
 218 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 219 RNA  
 221 <400> SEQUENCE: 15  
 222 gcccctgaat gcggctaatc  
 225 <210> SEQ ID NO: 16  
 226 <211> LENGTH: 25  
 227 <212> TYPE: DNA  
 228 <213> ORGANISM: Artificial Sequence  
 230 <220> FEATURE:  
 231 <223> OTHER INFORMATION: Chemically synthesized forward primer for amplifying  
 enteroviral  
 232 RNA  
 234 <400> SEQUENCE: 16  
 235 gaattcccc tgaatgcggc taatc  
 238 <210> SEQ ID NO: 17  
 239 <211> LENGTH: 18  
 240 <212> TYPE: DNA  
 241 <213> ORGANISM: Artificial Sequence  
 243 <220> FEATURE:  
 244 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 245 RNA  
 247 <400> SEQUENCE: 17  
 248 aaggaaacac ggacaccc  
 251 <210> SEQ ID NO: 18  
 252 <211> LENGTH: 18  
 253 <212> TYPE: DNA  
 254 <213> ORGANISM: Artificial Sequence  
 256 <220> FEATURE:  
 257 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 258 RNA  
 260 <400> SEQUENCE: 18  
 261 ggaaacacgg acacccaa  
 264 <210> SEQ ID NO: 19  
 265 <211> LENGTH: 16  
 266 <212> TYPE: DNA  
 267 <213> ORGANISM: Artificial Sequence  
 269 <220> FEATURE:  
 270 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 271 RNA  
 273 <400> SEQUENCE: 19  
 274 ggaaacacgg acaccc  
 277 <210> SEQ ID NO: 20

278 <211> LENGTH: 18

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/829,474

DATE: 09/13/2004

TIME: 11:05:15

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
 Output Set: N:\CRF4\09132004\J829474.raw

279 <212> TYPE: DNA  
 280 <213> ORGANISM: Artificial Sequence  
 282 <220> FEATURE:  
 283 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 284 RNA  
 286 <400> SEQUENCE: 20  
 287 aggaaacacg gacaccca  
 290 <210> SEQ ID NO: 21  
 291 <211> LENGTH: 19 18  
 292 <212> TYPE: DNA  
 293 <213> ORGANISM: Artificial Sequence  
 295 <220> FEATURE:  
 296 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 297 RNA  
 299 <400> SEQUENCE: 21  
 300 aggaaacacg gacacccaa  
 303 <210> SEQ ID NO: 22 19  
 304 <211> LENGTH: 19  
 305 <212> TYPE: DNA  
 306 <213> ORGANISM: Artificial Sequence  
 308 <220> FEATURE:  
 309 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 310 RNA  
 312 <400> SEQUENCE: 22  
 313 aaggaaacac ggacaccca  
 316 <210> SEQ ID NO: 23 19  
 317 <211> LENGTH: 17  
 318 <212> TYPE: DNA  
 319 <213> ORGANISM: Artificial Sequence  
 321 <220> FEATURE:  
 322 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 323 RNA  
 325 <400> SEQUENCE: 23  
 326 ggaaacacgg acaccca  
 329 <210> SEQ ID NO: 24 17  
 330 <211> LENGTH: 17  
 331 <212> TYPE: DNA  
 332 <213> ORGANISM: Artificial Sequence  
 334 <220> FEATURE:  
 335 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying  
 enteroviral  
 336 RNA  
 338 <400> SEQUENCE: 24  
 339 aggaaacacg gacaccc  
 342 <210> SEQ ID NO: 25 17  
 343 <211> LENGTH: 21  
 344 <212> TYPE: DNA  
 345 <213> ORGANISM: Artificial Sequence  
 347 <220> FEATURE:

348 <223> OTHER INFORMATION: Chemically synthesized reverse primer for amplifying enteroviral

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/829,474

DATE: 09/13/2004

TIME: 11:05:16

Input Set : A:\US Utility 043956-0121 Sequence Listing.txt  
Output Set: N:\CRF4\09132004\J829474.raw